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EXAMINER

BRIER, JEFFERY A

ART UNIT

PAPER NUMBER

2672

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DATE MAILED: 11/28/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/930,115

Applicant(s)

SAMRA ET AL.

Examiner

Jeffery A. Brier

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 20 October 2003.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 7 and 9-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 7 and 9-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Response to Amendment

1. The amendment filed on 10/20/03 has been entered. Claims 7, 12, 13, 16, 18, 19 and 20 were amended.

Response to Arguments

2. The arguments filed on 09/12/03 have been considered.

At page 6 fourth paragraph applicant addresses the 112 first paragraph rejection of claim 17. Applicant makes reference to paragraph 0049 as showing support for the claim. Paragraph 49 is describing figure 1B however claim 17 generally corresponds to figure 4B and paragraph 91, therefore, paragraph 49 does not support claim 17.

In the remainder of the arguments applicant addresses the 102 b rejection. Applicant makes reference to the newly added limitations to the independent claims and to the Hama reference. Applicant's position that Hamas' cursor area does not have boundaries that correspond to the edges of the display screen is not persuasive because applicant's specification at paragraphs 85-89 does not explicitly teach this. These paragraphs teaches the mini screen 314 represents display screen 300 and teaches it includes the major items that can be seen on display screen 300 but does not teach wherein the edges of the inner box correspond to edges of the display screen. Thus, the newly added limitations will be examined to the extent that which the specification as originally filed described. The inner box represents display screen 300 and includes major items that can be seen on display screen 300. The edges of the

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inner box do not correspond to edges of the display screen since only a representation of that which is shown on the display screen is shown in the inner box. As can be seen from figure 4A the inner box does not show the specific image shown on the display screen only a representation showing major items. Thus, the edges of the inner box 314 only generally gives an indication of the edges of the display screen. Therefore the edges of Hamas' cursor 25 generally gives an indication of the edges of display screen because at least three edges of area 23 corresponds to three edges of the display screen.

Claim Rejections - 35 USC § 112

3. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

4. Claims 7 and 9-20 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention.

Claims 7, 12, and 18-20:

Applicant amended these claims to claim wherein the edges of the inner box correspond to edges of the display screen. The inner box 314 represents display

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screen 300 and includes major items that can be seen on display screen 300. The edges of the inner box do not correspond to edges of the display screen since only a representation of that which is shown on the display screen is shown in the inner box. As can be seen from figure 4A the inner box does not show the specific image shown on the display screen only a representation showing major items, thus, the edges of the inner box 314 does not correspond to the edges of the display screen, it is only a general representation of the display screen, therefore, a claim to this improper.

Claims 15-17:

Claims 15-17 claim additional inner areas, claim 15, and multiple inner areas while parent claim 12 was amended to claim the edges of the inner area correspond to edges of the display screen. If there are multiple inner areas and one display screen then the edges of each or any of the multiple inner areas cannot correspond to edges of the display screen, see applicant's figure 4B.

Claim 17:

Claim 17 claims multiple different images are displayed. While the specification at page 13 lines 6 and 7 clearly describes different parts of a diagram are displayed in windows 340, 342, 344, and 346, thus this claim claims subject matter that was not present in the applicant as filed. As discussed in the response to arguments paragraph 49 does not support claim 17.

Claim Rejections - 35 USC § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

6. Claims 7, 9, 10, 12-15, and 17-20 are rejected under 35 U.S.C. 102(b) as being anticipated by Hama et al., U.S. Patent No. 4,751,507.

Hama teaches a navigator window 22 which has an inner area 25 where the box indicating area 25 corresponds to display screen area 23 and display screen area 23 has at least three edges corresponding to the edges of the display screen. Thus, inner area 25 has at least three edges corresponding to the edges of the display screen.

A detailed analysis of the claim follows.

Claim 7:

Hama teaches a method for viewing an image on a display screen (*see figures 1 and 5*), wherein a portion of the image is displayed (*23 of figure 5*) and wherein portions of the image are off screen (*see figure 2*) the method comprising displaying a navigator box (*22 of figure 5*) on the display screen; displaying an inner box (*25 of figure 5*) within the navigator box (*22*), wherein edges of the inner box correspond to edges of the display screen (*this claim limitation is broad since it does not state how many edges*

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correspond to the edges of the display screen, box indicating area 25 corresponds to display screen area 23 and display screen area 23 has at least three edges corresponding to the edges of the display screen, thus, inner area 25 has at least three edges corresponding to the edges of the display screen);

displaying a miniature version of the portion of the image on the display screen within the inner box (*within 22 is shown a small version of the evergreen tree shown in 23*) in correspondence with the portion of the image's position with respect to the edges of the display screen (*since at least three edges correspond to the edge of the display screen then Hamas' inner box is in correspondence with the edges of the display screen*), wherein the portions of the off

screen image are shown in miniature within the area of the navigator box (22) that is outside of the inner box (25).

Claim 9:

Hama teaches the method of claim 7, wherein the display screen is coupled to a processor (4, 5, 7, 8, 10) and user input device (9), the method further comprising accepting signals from the user input device to change the portion of image displayed (column 2 lines 58-61) and to change at least one portion of an off screen image changing the relative position of the inner box (column 2 lines 62-65) with respect to the navigator box (22) in correspondence with the changed image portions.

Claim 10:

Hama teaches the method of claim 9, wherein the step of changing the relative position of the inner box includes a substep of displaying the changed portion of displayed image within the inner box (as the cursor 25 is moved the image within the cursor changes).

Claim 12:

This method claim is very similar to method claim 7 and this claim is rejected for the same reasons given for claim 7.

Claim 13:

This method claim is very similar to method claim 9 and this claim is rejected for the same reasons given for claim 9.

Claim 14:

It is not clear which area is to be rectangular, however, in Hama areas 22, 23, and 25 are rectangular.

Claim 15:

The inner area 25 shows four areas formed by the cross hairs.

Claim 17:

Hama teaches the method of claim 12, wherein multiple different electronic images (*applicant has broadly claimed different images which is met by the house image, the tree image and the flower image of the larger image 22 of figure 5*) are displayed, the method further comprising displaying multiple inner areas within the navigator area (22), wherein two or more inner

areas include miniature portions of two or more of the different electronic images
*(placement of the cursor 25 over the tree and flower will provide
at least one inner area over the tree and another inner area
over the flower).*

Claim 18:

This apparatus claim corresponds to method claim 7 and this claim is rejected for the same reasons given for claim 7. In addition figure 1 illustrates the means to form navigator box 22, inner box 25 and image portion 23.

Claim 19:

This apparatus claim corresponds to method claim 7 and this claim is rejected for the same reasons given for claim 7. In addition figure 1 illustrates the means to form navigator box 22, inner box 25 and image portion 23.

Claim 20:

This computer-readable medium claim corresponds to method claim 7 and this claim is rejected for the same reasons given for claim 7. In addition figure 3 illustrates the instructions to form navigator box 22, inner box 25 and image portion 23.

Claim Rejections - 35 USC § 103

7. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

8. Claim 11 is rejected under 35 U.S.C. 103(a) as being unpatentable over Hama et al., U.S. Patent No. 4,751,507 in view of IBM Technical Disclosure Bulletin titled Project management Environment.

Hama teaches the image to be a computer controlled graphic application, column 1 lines 10-11, a stored image representation, column 1 line 34, and an image comprising a house, tree and flower, illustrated in figure 5.

Hama does not teach wherein the image includes one or more nodes in a flowgraph. The IBM Technical Disclosure Bulletin teaches displaying a flowchart that is larger than the display and allowing the user to scroll through the flowchart to view different areas of the flowchart, see page 6 of the EAST printout of this document.

It would have been obvious to one of ordinary skill in the art at the time the invention was made to use a flowgraph image in Hama because a flowgraph is an image corresponding to a computer controlled graphic application and because the IBM Technical Disclosure Bulletin teaches displaying a flowchart image that is larger than the display.

Prior Art

9. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Waller, U.S. Patent No. 4,532,605, teaches in figure 1C a navigator screen where box 10 corresponds to the edges of the CRT shown in figure 1D. Figure 1D occurs after the view key is pressed while viewing the image of figure 1C.

10. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

11. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jeffery A. Brier whose telephone number is (703) 305-4723. The examiner can normally be reached on M-F from 6:30 to 3:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Razavi, can be reached at (703) 305-4713).

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks
Washington, D.C. 20231

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or faxed to:

(703) 872-9306 (for Technology Center 2600 only)

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377.



Jeffery A Brier
Primary Examiner
Art Unit 2672